

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: CAVALLI, Giulio et al. Conf.:
Appl. No.: NEW Group:
Filed: December 26, 2001 Examiner:
For: AUTOMATIC METHOD FOR POWDER CONTROL AND
PHY MODE SWITCHING CONTROL IN ADAPTIVE
PHY MODE SYSTEMS.

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

December 26, 2001

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS:

Please amend the claims as follows:

9. (Amended) The system of claim 6 where said means, working jointly, are also organized in order to activate a phy mode switching to a less robust and more efficient one, in the case the

received mean power level goes above a predefined level, also called 'switching level from said current phy mode to said less robust phy mode'.

10. (Amended) The system of claim 6 where said means, working jointly, are also organized in order to activate a phy mode switching to a less robust and more efficient phy mode, in the case the master station has the information that the peripheral station has sufficient available power in order to guarantee the transmission using said less robust phy mode with such a power level that allows the master station to receive the transmitted signal above the working point of said less robust phy mode.

11. (Amended) The system of claim 6 where said switching levels overlap the working points of the phy modes toward which the switching applies.

REMARKS

The amendment to the claims is merely to delete improper multiple dependencies and to place the application into better form for examination. Entry of the present amendment and favorable action on the above-identified application are earnestly solicited.

Attached hereto is a marked-up version of the changes made to the application by this Amendment.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By

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Attachments

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(Rev. 12/19/01)

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

The claims have been amended as follows:

9. (Amended) The system of [claims 6, 7 and 8]claim 6 where said means, working jointly, are also organized in order to activate a phy mode switching to a less robust and more efficient one, in the case the received mean power level goes above a predefined level, also called 'switching level from said current phy mode to said less robust phy mode'.

10. (Amended) The system of [claims 6, 7 and 8]claim 6 where said means, working jointly, are also organized in order to activate a phy mode switching to a less robust and more efficient phy mode, in the case the master station has the information that the peripheral station has sufficient available power in order to guarantee the transmission using said less robust phy mode with such a power level that allows the master station to receive the transmitted signal above the working point of said less robust phy mode.

11. (Amended) The system of [claims from 6 to 10]claim 6 where said switching levels overlap the working points of the phy modes toward which the switching applies.